



INTRODUCTION

The Monthly Newsletter of MITAOE- 'The Insider' is getting published with several events, Activities, and achievements of our students and faculties. We sincerely hope that you find this monthly newsletter- The Insider both helpful and encouraging going forward.

We also want to Thank internal Faculty and Staff for their contribution to this book. If you have suggestions or feedback that would contribute to improving The Insider, then you can reach out to us at marketing@mitaoe.ac.in

SPOKE PERSON



Dr. USHA VERMA

Head, Center for Excellence in Learning and Teaching (CELT), MITAOE

The quality of Teaching-Learning Process of any higher educational institute depends on the quality of the way faculties are delivering the content, assess the student's learning, and adopt the outcome-based education process. To empower the faculties of MIT Academy of Engineering in the said area, the Center for Excellence in Learning-Teaching (**CELT**) has been established. The main role of CELT is as a facilitator to provide facilities for training of basic teaching-learning processes to newly recruited faculties and additionally facilitate an environment to experiment with -

innovative pedagogical, assessment and evaluation techniques in line with outcome-based education. CELT focuses its methodology to groom all the faculties in all the dimensions of teaching-learning and encourages them for instructional design, student engagements, assessment design, project/problem-based learning and technology-driven approaches, which may further lead to innovation and research in teaching-learning. Apart from this, it also aims to train and motivate faculties to use the technology and ICT tools in the online or blended teaching-learning process.

By keeping students at the center, CELT has defined six front areas where faculties can work for the better learning of the students. The student-centric front areas of CELT are:

- 1. Instructional Design and Students Engagement (IDSE)**
- 2. Assessment and Evaluation (AE)**
- 3. Outcome-based Education (OBE)**
- 4. Problem- or Project-based learning (P2BL)**
- 5. Technology-Driven Teaching and Learning (TDTL)**
- 6. Creative Learning (CL)**

ACHIEVEMENTS



Prof. Savita Pawar completed **30 hrs.** Live training program on ChatGPT and Artificial Intelligence Program organized by ExcelR Solutions

Prof. Sneha Pokharkar completed **PhD** in Electronics & Telecommunication Engineering from Savitribai Phule Pune University.



Ms. Swapanali Mohol has successfully signed **MOU** with ProEarth Ecosystems Private Limited, Baner, Pune. This MOU will provide exposure to understanding, Solid Waste Management Practices and also provide Internship cum placement opportunities to Civil Engineering Students.

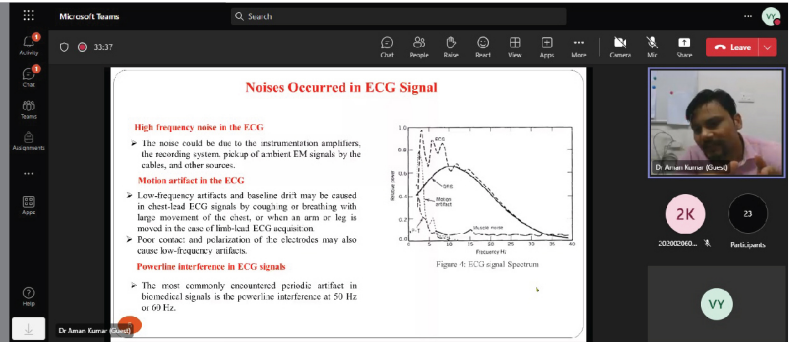
- **Dr. M. P. Joshi** has received recognition as a Ph. D guide for the SPPU, Pune.



- **TY Chemical Engineering** Students have won second prize in Eureka National Level Technical Paper Presentation Competition 2023 organized by TKIET, Warnanagar
- Final-year students of Mechanical Engineering for getting a first prize in the National level **“Technocraft Booth Project competition”** organized by COEP Pune on 02/05/2023 with Rs. 50000/- cash prize.

EVENTS

- School of **E&TC** Engineering organized a Guest lecture on 'Implementation of IoT-based applications and the need for IoT in Industry Automation', 'Career Opportunities for Engineers', and '**ECG Signal Processing and Arrhythmia Detection**'.



- Workshop organised on “**Bhakri Making (Millet Year 2023)**”



- Times Education Expo- 2023, Pune**



- Educational tour of Faculties of BITS, Goa-** The main purpose of the study tour was as follows:

- To understand academic and research implemented at BITS Goa
- To study the practices implemented w.r.t NIRF Ranking.
- To study the Teaching Pedagogies implemented at BITS Goa
- To have a research Collaboration and Possible signing of MoU for the same.
- Collaborative value-added courses and student exchange programs (Earn Course Credits).

- Industry Expert Sessions** on various topics from industry experts for students of MITAOE

- Conducted Heat Transfer Project Exhibition T.Y. Mechanical Engineering students in view of the Project-based learning (PBL)

RESEARCH & DEVELOPMENT



- **Dr D.Y Sakhare** Professor & Dean, School of E&TC Engineering published a paper titled 'A Sequence-to-Sequence Text Summarization Using Long Short-Term Memory Based Neural Approach' in the International Journal of Intelligent Engineering and Systems, 2023, 16(2), pp.142–151

- **Prof. Kalpana Pawase** published a paper titled 'MRI-based Convolutional Neural Network Model with associated feature Vector Model for Grade Detection of Multiple Sclerosis Lesions' in Journal of Theoretical and Applied Information Technology ISSN: 1992-8645.



"We **Thank** all the faculty members, staff, and students who have been helpful and cooperative while the newsletter was under process. It is with a team of active members that the February edition of "**The Insider**" is ready to be published."

EDITORIAL TEAM

Bhushan Bembale
Nilesh Lokhande

Harshada Kumbhakarna
Milan Sagdhara

Sarvesh Shinde